

This listing of claims will replace all prior versions, and Listings of Claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A transport-independent real-time transport protocol (RTP) stack to be executed by a computer system, the RTP stack comprising:

a transport-independent tasks module, wherein the transport-independent tasks module is configured to perform tasks includes methods that are independent of a first underlying transport layer having a first transport layer type; and

a connector module in communication with the transport-independent module, wherein the connector module includes methods that are dependent on the first underlying transport layer,

wherein the a new connector module can be modified is configured to be generated so as to adapt the RTP stack to a second underlying transport layer having a different transport layer type, and further wherein the transport-independent tasks module is configured to communicate with a modified the new connector module in the same manner as the connector module.

Claim 2 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 1, wherein the connector module includes data input and output methods.

Claim 3 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 2, wherein the data input and output methods are utilized by the transport-independent tasks module to communicate with the first underlying transport layer.

Claim 4 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 3, wherein the data input and output methods include an RTP output stream method that returns an RTP output stream to a calling method.

Claim 5 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 4, wherein the data input and output methods include an RTP input stream method that returns an RTP input stream to a calling method.

Claim 6 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 3, wherein the data input and output methods include a real-time transport control protocol (RTCP) output stream method that returns an RTCP output stream to a calling method.

Claim 7 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 6, wherein the data input and output methods include an RTCP input stream method that returns an RTCP input stream to a calling method.

Claim 8 (Currently Amended): A real-time transport protocol (RTP) connector module to be executed by a computer system, the RTP connector module comprising:

an RTP output stream method that returns an RTP output stream to a calling method;
an RTP input stream method that returns an RTP input stream to a calling method;
a real-time transport control protocol (RTCP) output stream method that returns an RTCP output stream to a calling method; and
an RTCP input stream method that returns an RTCP input stream to a calling method,

wherein [[the]] a new RTP connector module ~~can be modified~~ is configured to be generated for each underlying transport layer having a different transport layer type so as to adapt an RTP stack to the corresponding underlying transport layer layers each having a different type.

Claim 9 (Currently Amended): [[An]] The RTP connector module as recited in claim 8, wherein the RTP connector module generates transport-independent input/output streams.

Claim 10 (Currently Amended): [[An]] The RTP connector module as recited in claim 9, wherein the transport input/output streams provide access to a particular type of underlying transport layer.

Claim 11 (Currently Amended): [[An]] The RTP connector module as recited in claim 10, wherein the RTP connector module is in communication with a transport-independent tasks module, wherein the transport-independent tasks module includes methods that are independent of the underlying transport layer.

Claim 12 (Currently Amended): [[An]] The RTP connector module as recited in claim 11, wherein the transport-independent tasks module processes the transport-independent input/output streams using transport-independent operations.

Claim 13 (Currently Amended): A transport-independent real-time transport protocol (RTP) stack to be executed by a computer system, the RTP stack comprising:

a transport-independent tasks module having an RTP transmitter module and an RTP receiver module, wherein the RTP transmitter module and the RTP receiver module are independent of a first underlying transport layer having a first transport layer type; and

a connector module having an RTP output stream method in communication with the RTP transmitter module, and an RTP input stream method in communication with the RTP receiver module, wherein the RTP output stream method and the RTP input stream provide access to the first underlying transport layer,

wherein the a new connector module is implemented is configured to be generated so as to adapt the RTP stack to a second underlying transport layer having a different transport layer type.

Claim 14 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 13, wherein the RTP output stream method returns an RTP output stream to the RTP transmitter module.

Claim 15 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 14, wherein the RTP input stream method returns an RTP input stream to the RTP receiver module.

Claim 16 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 13, wherein the transport-independent tasks module further includes a real-time transport control protocol (RTCP) transmitter module and an RTCP receiver module.

Claim 17 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 16, wherein the RTCP transmitter module and the RTCP receiver module are independent of the first underlying transport layer.

Claim 18 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 17, wherein the connector module further includes an RTCP output stream method that returns an RTCP output stream to the RTCP transmitter module.

Claim 19 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 18, wherein the connector module further includes an RTCP input stream method that returns an RTCP input stream to the RTCP receiver module.

Claim 20 (Currently Amended): [[A]] The transport-independent RTP stack as recited in claim 18, wherein ~~a modified~~ the new connector module can operate utilizing the second underlying transport without modifying the transport-independent tasks module.